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MYRON GENEL, M.D.
CURRICULUM VITAE

Present Position: Professor Emeritus of Pediatrics
Yale University School of Medicine

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Born: January 6, 1936, York, Pennsylvania

Marital Status: Married, three children, eight grandchildren

Education: B.S. - Moravian College, Bethlehem, Pennsylvania, 1957
M.D. - University of Pennsylvania, Philadelphia, 1961
M.A. (hon.) - Yale University, New Haven, Connecticut, 1983
D.Sc. (hon.) - Moravian College, Bethlehem, Pennsylvania, 1995

Professional Certifications:

Pennsylvania State Board of Medical Education and Licensure, 1961
American Board of Pediatrics, 1967
American Board of Pediatrics, Subspecialty Certification in Pediatric Endocrinology, 1978

Professional Experience:

1961-1962 Rotating Intern, Mount Sinai Hospital, New York
1962-1964 Resident in Pediatrics, Children's Hospital of Philadelphia
1964-1966 Pediatrician, U.S. Army Tropical Research Medical Laboratory, San Juan, P.R.
1966-1967 Trainee in Pediatric Endocrinology, Johns Hopkins Hospital, Baltimore, MD
1967-1969 Instructor in Pediatrics, University of Pennsylvania School of Medicine.
Trainee in Genetics and Inherited Metabolic Diseases, Children's Hospital of Philadelphia.
1969-1971 Special Postdoctoral Fellowship, National Institutes of Health. Associate Physician and Member of the Endocrinology and Metabolism Divisions Children's Hospital of Philadelphia
1969-1971 Associate in Pediatrics, University of Pennsylvania School of Medicine
1971-1976 Assistant Professor of Pediatrics, Yale University School of Medicine
1971-1985 Director, Section of Pediatric Endocrinology, Yale University School of Medicine
1971-1986 Program Director, Children's Clinical Research Center, Yale Univ. School of Medicine
1971-1996 Consultant in Endocrinology, Newington Children's Hospital, Newington, CT
1976-1981 Associate Professor of Pediatrics, Yale University School of Medicine
1981-2004 Professor of Pediatrics, Yale University School of Medicine

- 1982-1983 Robert Wood Johnson Health Policy Fellow, Institute of Medicine, National Academy of Sciences, Washington, D.C.
- 1985-2004 Associate Dean, Government and Community Affairs, Yale University School of Medicine
- 2001 Acting Program Director, Children=s Clinical Research Center, Yale University School of Medicine
- 1971-present Attending Physician, Yale-New Haven Hospital, New Haven, CT
- 2004-present Professor Emeritus of Pediatrics, Yale University School of Medicine

Military Service:

- 1964-1966 U.S. Army Reserve, Captain, Medical Corps.
Pediatrician, U.S. Army Tropical Research Medical Laboratory, San Juan, P.R.

Society Memberships:

- AcademyHealth 1993-
- American Association for the Advancement of Science, 1981-Fellow, 1997-
- American Academy of Pediatrics, 1977-
 - Task Force on Organ Transplants, 1983-1984
 - Council on Government Affairs, 1984-1998
 - Task Force on Graduate Medical Education Reform, 1993
 - Committee on Federal Government Affairs, 1998-
 - Bright Futures Project Advisory Committee (ACPM representative), 2004-
- American Academy of Pediatrics, Connecticut Chapter, 1976-
 - Chairman, Committee on Screening Procedures, 1976-1982
 - Member, Screening Committee, 1989-
- American Association of Clinical Endocrinologists, 1997-
- American College of Nutrition, 1988-
- American College of Preventive Medicine, 1998-Fellow, 2002-
- American Diabetes Association, 1974-2004
 - Board of Directors, Connecticut Affiliate, 1980-1986
 - Subsection of Diabetes in Youth, Connecticut Coordinator, 1980-1982
- American Federation for Medical Research, 1971-
- American Medical Association, 1986-
 - Section on Medical Schools, 1987-
 - Governing Council, 1995-2005
 - Alternate Delegate, 1995-1998
 - Delegate, 1998-2002
 - Chair-elect, 2002-2003
 - Chair, 2003-2004
 - Council on Scientific Affairs, 1994-2001
 - Executive Committee, 1997-2001
 - Chair-elect, 1998-1999
 - Chair, 1999-2000
 - Task Force on Financing Graduate Medical Education, 1995
 - Ad Hoc Physician Workforce Consensus Conference Task Group, 1996
 - Inter-Council Medicaid Task Force, 1996-1997
 - Inter-Council Task Force on Privacy and Confidentiality, 1998-1999
- American Pediatric Society, 1981-
 - Joint Public Policy Council Rep., 1984-
 - Delegate to AAMC Council of Academic Societies, 1984-
- American Public Health Association, 1983-
- American Society for Bone and Mineral Research, 1980-

Association of American Medical Colleges (AAMC)
 AAHC/AAMC Group of Government Relations Representatives, 1987-
 Advisory Panel on Research, 1998-2003
 Executive Council, 1989-1992
 Executive Committee, 1990-1991
 Flexner Award Selection Committee, Chairman, 1989
 Nominating Committee, 1990, 1995
 David E. Rogers Award Review Committee, 2001, 2002
 Distinguished Service Member, 2005
 AAMC Council of Academic Societies, 1984-
 Administrative Board, 1987-1992
 Chair-elect, 1989-1990
 Chair, 1990-1991
 Nominating Committee, 2007
 Association for Patient-Oriented Research, 1999-
 Ad hoc NIH Advocacy Committee, 2005-
 Association of Program Directors. GCRC (founding member), 1977-1986
 Chairman, Nominating Committee, 1977-1979
 Director-at-Large, 1979-1980
 President-elect, 1980-1981
 President, 1981-1982
 Connecticut Endocrine Society (founding member), 1973-
 Treasurer, 1975-1979
 Vice President, 1979-1981
 Connecticut State Medical Society, 1986-
 Delegate, 1990-1996, 1997-
 Alternate Delegate, 1996-1997
 Committee on Allied Health, Chairman, 2000-
 Committee on Continuing Medical Education, 1997-2003
 Committee on Organ & Tissue Transfers, 1997-2004
 Eastern Society for Pediatric Research (founding member), 1988-
 Endocrine Society, 1974-
 Public Affairs Committee 1983-1992
 Chairman, Annual Seminar for Science Writers, 1984, 1985
 Research Initiatives Committee, 1995-1999
 Government Relations Committee, 2002-2005
 Lawson Wilkins Pediatric Endocrine Society, 1973-
 Committee on Growth Hormone Usage, 1976-1979
 Membership Committee, 1979-1984; Chairman 1983-1984
 Public Affairs Committee, 1987-1993
 New Haven County Medical Association, 1986-
 Board of Governors, 1990-1996, 1997-
 Task Force on Health Care Reform, 1993-1994
 New York Academy of Medicine
 Fellow, 1998-
 Sigma Xi, 1977-
 Society for Pediatric Research, 1979-

Other Professional Organizations and Positions:

Academic Health Centers= Clinical Research Forum, 2003-2006
 Government Relations Committee, 2003-2006
 Associates of the Yale Medical Library
 Board of Trustees, 1986-1991

Connecticut Academy of Science and Engineering, 1992-

Council, 2000-
 Vice President/President Elect, 2006-
 Ad Hoc Committee on Exemplary Mechanisms of State Science-Based Policy, 1993-1994
 Ad Hoc Committee on Radon in Drinking Water, 1997-98
 Technical Board for Economic Development, 1995-2000
 Chair, Nominating Committee, 2002,2003,2004
 Connecticut United for Research Excellence (CURE)
 Board of Directors, 1990-1999
 Chairman, Steering Committee, 1989-1990
 President, 1990-1993
 Chairman, Board of Directors, 1993-1994
 Executive Committee, 1990-1998
 Clinical Research Task Force, 1997-1999
 Connecticut Stem Cell Coalition, 2003-
 The Hastings Center
 Associate member, 1983-
 Research Group on Ethics and the Care of Newborns, 1983-1987
 Research Group on Organ Transplantation, 1984-1985
 The Hormone Foundation
 Hormone Abuse Advisory Council, 2000-2003
 Institute of Medicine, National Academy of Sciences
 Clinical Research Roundtable, 2000-2004
 Robert Wood Johnson Health Policy Fellowships Board, 1989-1995
 Committee on Research on Child and Adolescent Mental Disorders, 1988-1989
 International Olympic Committee
 Transsexual Working Group, Medical Commission, 2003-2004
 Liaison Committee on Medical Education
 Survey Team member, 1991, 1992, 1993, 1994
 Survey Team Chairman, 1993, 1994, 1996, 1997, 1998, 1999, 2001, 2002, 2005
 Moravian College Commission on the Future, 1998-99
 National Association for Biomedical Research
 Board of Directors, 1990-93
 Executive Committee, 1991-93
 National Clinical Research Summit (AAMC & AMA)
 Executive Committee, 1997-1999
 New England Congenital Hypothyroidism Collaborative
 Founding Member, 1976-1994
 Packard Roundtable for Children, 1993-1997
 Public Policy Council of the American Pediatric Society, Society for Pediatric Research and
 Association of Medical School Pediatric Department Chairs
 Organizer and Chairman, 1984-
 Research!America
 Individual Member, 1996-
 Membership Committee, 1998-2000
 Board of Directors, 1997-2000
 Emeritus Director, 2002-

Government Service

Food and Drug Administration
 Ad Hoc Metabolism Review Panel, Orphan Products Development Grant Program, 1997
 Genetic Service Program Advisory Board, State of Connecticut, 1979-1982, 1995-
 Health Policy Consultant, Subcommittee on Investigations & Oversight, Committee on Science &
 Technology, U.S. House of Representatives, 1982-1984
 National Children=s Study Federal Advisory Committee, U.S. Department of Health and Human
 Services, 2005-

Chair, Ethics Subcommittee, 2005-
National Human Research Protections Advisory Committee
Children's Workgroup, 2001-2002
National Institutes of Health, Ad Hoc Growth Hormone Protocol Review Committee, 1992
National Institutes of Health, National Task Force on the NIH Strategic Plan, 1992
Secretary's Advisory Committee on Human Research Protections (SACHRP), U.S. Department of
Health and Human Services, 2006-
Subpart A Subcommittee, 2007-
Stem Cell Research Advisory Committee, State of Connecticut, 2005-
Transplant Advisory Committee, Office of the Commissioner, Department of Income Maintenance,
State of Connecticut, Chairman, 1984-1992

Community and Civic Activities

Advisory Council, Robert Wood Johnson Foundation "Making the Grade: State and Local Partnership
to Establish School-Based Health Centers," Planning Grant, Department of Public Health and
Addiction Services, State of Connecticut, 1994-1997
Citizens' Task Force on Substance Abuse, City of New Haven, 1989-1994
Columbus House Capital Campaign, Physician's Committee, 2002-2003
Connecticut Commission on Children, Prevention Task Force, 2007-
Friends of the Children's Hospital at Yale-New Haven Hospital
Board of Directors, 1991-1999
Hill Development Corporation, Board of Directors, 1985-2001
Juvenile Diabetes Research Foundation, Greater New Haven Chapter
Board of Directors, 2004-
New Haven Coalition to Eliminate Tuberculosis, Health Department City of New Haven, 1992-95
Science Park Development Corp., New Haven. Planning Committee for Biomedical-Related Economic
Development on the Route 34 Right-of-Way, 1993
Stem CONN 07. Connecticut's Stem Cell Research International Symposium, organizing committee,
2006-2007
Stepping Stones Museum for Children, Norwalk, CT. Healthyville Exhibit Project Team, 2005-2006

Yale University Positions and Committees:

Adopt-A-Doc Advisory Committee, Department of Pediatrics, 2001-2004
Branford College, Fellow, 1986-
Children's Clinical Research Center Advisory Committee
Ex-Officio, 1971-1986
Chair, 2001-2003
Committee Overseeing Volunteer Services, School of Medicine, 1993-2003
Educational Policy and Curriculum Committee, School of Medicine, 2003-2006
Human Investigation Committee, 1971-2003, 2007-
Vice Chairman, 1981-1986
Alternate Member, 2007-
LCME Institutional Self-Study Task Force, 1998-1999
Educational Program Leading to the M.D. Degree Committee
Governance and Administration Committee
Medical Center Committee on School-Based Health Clinics
Chairman, 1993-1998
Medical School Council, 1983-1987
Chairman, Steering Committee, 1984-1985
Chairman, 1985-1987
Medical School Curriculum Committee, 1984-1987
Medicine, Society and Public Health Study Group, 1991-1992
Physician Associate Program, Medical Advisory Board, 1992-97
Search Committee, Chairman, Dept. of Epidemiology and Public Health /Dean for Public Health,

Executive Secretary, 1993-94
Search Committee, VA Medical Center Chief-of-Staff
Chairman, 1988-1989
Search Committee, Director, Office of Minority Affairs, School of Medicine, 1989
Search Committee, Director of Alumni Affairs
Chairman, 1989-90
Task Force on Postgraduate Medical Education, 1995-1996
University Advisory Committee on New Haven Education Initiatives, 1994-1996
University Committee on Sponsored Research, 1984-1994
University Tribunal, 2003-
University Task Force on Animal Research
Chairman, 1989-2003
Yale Medical Group
Credentials Committee, 1998-2003
Yale University=s Interdisciplinary Center for Bioethics, 1998-
Stem Cell Working Research Group, 1999-
The Needs of Children in Contemporary America, Advisory Committee, 2001-
Justice & the Allocation of Health Care, 2002-

Yale-New Haven Hospital Positions and Committees:

Credentials Committee, 1998-2001
Organized Medical Staff Section, AMA, Medical Staff Representative, 2000-

Grant and Contract Support:

National Institutes of Health. RR-00125, Children's Clinical Research Center.
Program Director, 1971-1986
National Institutes of Health. CA-18863, Monitoring Familial Medullary Carcinoma of the Thyroid.
Principal Investigator, 1976-1982
National Institutes of Health. CA-32066, Genetic Linkage in Multiple Endocrine Neoplasia, Type II.
Principal Investigator, 1983-1987
Co-Investigator 1987-1996
National Institutes of Health. T32-AM07476, Training Program in Clinical Investigation.
Co-Director, 1983-1986
Acting Director, 1984-1985
State of Connecticut. Connecticut Program for Children with Diabetes. Contract for Center at Yale.
Director, 1978-1981

Editorial and Journal Activities:

American Journal of Public Health, reviewer, 1995-
Diabetologia, reviewer, 1996
Journal of Women's Health, editorial board, 1992-2005
Journal of the American Medical Association, reviewer, 2003-
Journal of Pediatrics, reviewer, 1981-
Journal of Clinical Epidemiology, reviewer, 1984-1990
Journal of Clinical Endocrinology & Metabolism, reviewer, 1984-
Journal of Urban Health, reviewer, 2000-
Medscape Pediatrics, editorial advisor, 2000-
Pediatric & Adolescent Medicine Reports, associate editor, 1998-2000
Pediatric Case Reviews, editorial board, 2001-2004
Pediatrics, reviewer, 1993-; editorial board, 1995-2000
Pediatric Research, reviewer, 1993-
Journal of Pediatric Endocrinology & Metabolism, editorial board, 2007-
Practical Reviews of Pediatrics, Review Panel, 2004
Reproductive Sciences, Reviewer, 2007-

Honors and Awards:

Abraham Jacobi Memorial Award, American Academy of Pediatrics and American Medical Association, 1999
Albrecht Memorial Award, Outstanding Male Graduate, Moravian College, 1957
Alumni of Distinction Hall of Fame, Liberty High School, Bethlehem, PA, presented at 75th Anniversary Celebration, May 25, 1997
American Association for the Advancement of Science, elected AAAS Fellow, 1997
Annual Award, Connecticut Campaign Against Cooley's Anemia, 1979
Association of American Medical Colleges, Distinguished Service Member, 2005
Comenius Alumni Award, Outstanding Achievements or Service, Moravian College, 1990
Connecticut Academy of Science and Engineering, Member, 1992
CURE Fellow, presented at annual meeting, Connecticut United for Research Excellence, October 16, 2000
Distinguished Service Award, Society for Pediatric Research, 2003
Joseph W. St. Geme Leadership Award. Federation of Pediatric Organizations, 2004.
The Jonathan May Award, American Diabetes Association, Connecticut Affiliate, Co-Recipient, 1979
New York Academy of Medicine, elected Fellow, 1998
Robert Wood Johnson Health Policy Fellowship, Institute of Medicine, National Academy of Sciences, 1982

Biographical Citations:

Academic Keys Who's Who in Medical Sciences Education, 2005-
America's Top Pediatricians, 2004-2007
America's Top Physicians, 2007
American Men and Women of Science, 16th – 22nd editions
The Best Doctors in America, (annual listing), 1998-
The Best Doctors in America, Northeastern edition
Dictionary of International Biography, 25th, 26th editions
Men of Achievement, 9th - 17th editions
Who's Who in America, 43rd – 62nd editions
Who's Who in the East, 19th – 34th editions
Who's Who in American Education, 3rd -7th edition
Who's Who in Medical Sciences Education, 2005-
Who's Who in Medicine and Healthcare, 1st - 6th editions
Who's Who in Science and Engineering, 1st - 10th editions
Who's Who in Technology, 5th edition
Who's Who in the World, 9th – 25th editions

PUBLICATIONS
Myron Genel, M.D.

1. Verhagen, A., Hamilton, J.P. and Genel, M. Renal Vein Thrombosis in Infants. Arch. Dis. Child. 40:214-217, 1965.
2. Segal, S., Genel, M. and Smith, I. Effect of Storage at 4°C on Alpha-Methyl glucoside Transport by Rat Kidney Cortex Slices. J. Lab. Clin. Med. 72:778-785, 1968.
3. Gray, G.M., Santiago, N.A., Colver, E.H. and Genel, M. Intestinal β -Galactosidases. II. Biochemical Alteration in Human Lactase Deficiency. J. Clin. Invest. 48:729-735, 1969.
4. Segal, S., Smith, I., Genel, M. and Holtzapple, P.G. Tubular Transport by Human Kidney Stored at 4°C. Nature 222:387-389, 1969.
5. Holtzapple, P.G., Genel, M., Yakovac, W.C., Hummeler, K., and Segal, S. Diagnosis of Cystinosis by Rectal Biopsy. New Engl. J. Med. 281:143-145, 1969.
6. Hummeler, K., Zajac, B.A., Genel, M., Holtzapple, P.G., and Segal, S., Human Cystinosis: Intracellular Deposition of Cystine. Science. 168:859-860, 1970.
7. Holtzapple, P.G., Rea, C., Genel, M. and Segal, S. Cycloleucine Inhibition of Amino Acid Transport in Human and Rat Kidney Cortex. J. Lab. Clin. Med. 75:743-750, 1971.
8. Genel, M., London, D.R., Holtzapple, P.G. and Segal, S. Uptake of Alpha-Methyl glucoside by Normal and Diabetic Human Jejunal Mucosa. J. Lab. Clin. Med. 77:743-750, 1971.
9. Genel, M., Rea, C. and Segal, S. Transport interaction of Sugars and Amino Acids in Mammalian Kidney. Biochim. Biophys. Acta. 241:779-788, 1971.
10. Segal, S., Genel, M., Holtzapple, P.G. and Rea, C. Transport of Alpha-Methyl-D-Glucoside by Human Kidney Cortex. Metabolism 22:67-76, 1973.
11. Genel, M., Holtzapple, P.G., Koldovsky, O. and Segal, S. Activity of β -galactosidase, β -glucuronidase and N-acetyl- β -glucosaminidase in Human Rectal Mucosa. Clin. Chim. Acta. 46:247-251, 1973.
12. Holtzapple, P.G., Genel, M., Rea, C. and Segal, S. Metabolism and Uptake of L-proline by Human Kidney Cortex. Pediat. Res. 7:818-825, 1973.
13. Lassman, M.N., O'Brien, R.T., Pearson, H.A., Wise, J.K., Felig, P., Donabedian, R.K. and Genel, M. Endocrine Evaluation in Thalassemia Major. N.Y. Acad. Sci. 232:226-237, 1974.
14. Lassman, M.N., Genel, M., Wise, J.K., Hendler, R. and Felig, P. Carbohydrate Homeostasis and Pancreatic Islet Cell Function in Thalassemia. Ann. Int. Med. 80:65-69, 1974.
15. Forman, B., Goldstein, P.S. and Genel, M. Management of Juvenile Diabetes Mellitus: Usefulness of 24-Hour Fractional Quantitative Urine Glucose. Pediatrics 53:257-263, 1974.
16. Colletti, R.B., Pan, M.W., Smith, E.W.P. and Genel, M. Detection of Hypocalcemia in Susceptible Neonates: The Q-oTc Interval. New Engl. J. Med. 290:931-935, 1974.
17. Forman, B.H., Antar, M.A., Touloukian, R.J., Mulrow, P.J. and Genel, M. Localization of a Metastatic Adrenal Carcinoma Using ^{131}I -19-Iodocholesterol. J. Nucl. Med. 15:332-334, 1974.
18. Rosenfield, R.L., Barmach de Niepomniesz, A., Kenny, F.M. and Genel, M. The Response to Human Chorionic Gonadotropin (HOG) Administration in Boys With and Without $^{5}\text{-}3\beta$ -Hydroxysteroid Dehydrogenase Deficiency. J. Clin. Endocrinol. Metab. 39:370-374, 1974.
19. Puschett, J.B., Genel, M., Rastegar, A., Anast, C. and DeLuca, H.F. Effects of 25-Hydroxycholecalciferol on Urinary Electrolyte Excretion in Hypophosphatæmic Rickets. Lancet 2:920-922, 1974.
20. Puschett, J.B., Genel, M., Rastegar, A., Anast, C., DeLuca, H.F. and Friedman, A. Long-term Therapy of Vitamin D-Resistant Rickets with 25-Hydroxycholecalciferol. Clin. Pharmacol. Therapeut. 17:202-211, 1975.
21. Schneider, G., Genel, M., Bongiovanni, A.M., Goldman, A.S. and Rosenfield, R.L. Persistent Testicular $^{5}\text{-}3\beta$ -Hydroxysteroid Dehydrogenase ($^{5}\text{-}3\beta\text{-HSD}$) Deficiency in the $^{5}\text{-}3\beta\text{-HSD}$ Form of Congenital Adrenal Hyperplasia. J. Clin. Invest. 55:681-690, 1975.
22. Lipton, H.L., Tan, S.Y., Noth, R., Mulrow, P.J. and Genel, M. Usefulness of Plasma Renin Activity to Monitor Mineralocorticoid Replacement in Salt-losing Congenital Adrenal Hyperplasia. In *Congenital Adrenal Hyperplasia*, Lee, P.A., Plotnick, L.P., Kowarski, A.A., and Migeon, C.J., eds., University Park Press, Baltimore, Maryland, pp. 127-139, 1977.

23. Pearson, H.A., Motoyama, E., Genel, M., Kramer, M. and Zigas, C.J. Intraerythrocytic Adaption (2,3 DPG, P₅₀) in Thalassemia Minor. *Blood* 49:463-465, 1977.
24. Tan, S.Y., Donabedian, R.K., Genel, M. and Mulrow, P.J. False Elevation of Plasma Cortisol in Congenital Adrenal Hyperplasia. *J. Lab. Clin. Med.* 89:735-740, 1977.
25. Rotnem, D., Genel, M., Hintz, R.L. and Cohen, D.J. Personality Development in Children with Growth Hormone Deficiency. *J. Amer. Acad. Child Psychiat.* 16:412-426, 1977.
26. Tan, S.Y., Genel, M., Forman, B.H. and Mulrow, P.J. Steroid Profile in a Case of Adrenal Carcinoma with Severe Hypertension. *Amer. J. Clin. Path.* 67:591-593, 1977.
27. Kauschansky, A. and Genel, M. The Role of Gonadotropin Releasing Hormone (GnRH) in Children and Adults. *Harefuah, J. Israel Med. Assn.* 93:95-97, 1977.
28. Tanaka, K., Mantagos, S., Genel, M., Seashore, M.R., Billings, B.A. and Baretz, B.H. New Defect in Fatty-Acid Metabolism with Hypoglycemia and Organic Aciduria. *Lancet* 2:986, 1977. (Letter)
29. Koo, G.C., Wachtel, S.S., Krupen-Brown, K., Mittl, L.R., Breg, W.R., Genel, M., Rosenthal, I.M. Borgaonkar, D.S., Miller, D.A., Tantravahi, R., Schreck, R.R., Erlanger, B.F. and Miller, O.J. Mapping the Locus of the H-Y Gene on the Human Y Chromosome. *Science* 198:940-942, 1977.
30. Tamborlane, W.V. and Genel, M. Discordant Correction of Hyperglycemia and Ketoacidosis With Low-Dose Insulin Infusion. *Pediatrics* 61:125-127, 1978.
31. Burrow, G.W., Klatskin, E.H. and Genel, M. Intellectual Development in Children Whose Mothers Received Propylthiouracil During Pregnancy. *Yale J. Biol. Med.* 51:151-156, 1978.
32. Arulanantham, K. and Genel, M. Central Nervous System Toxicity Associated with Ingestion of Propylene Glycol. *J. Pediat.* 93:515-516, 1978.
33. Kauschansky, A., Genel, M. and Breg, W.R. The Role of H-Y Antigen. *Harefuah, J. Israel Med. Assn.* 94:435-437, 1978.
34. Breg, W.R., Genel, M., Koo, G.C., Wachtel, S.S., Krupen-Brown, K. and Miller, O.J. H-Y Antigen and Human Sex Chromosomal Abnormalities. In *Genetic Mechanisms of Sexual Development*, Vallet, H.L. and Porter, I.H. (eds), Academic Press, New York (1979) pps. 279-291.
35. Kramer, M.S., Kauschansky, A. and Genel, M. Adolescent Secondary Amenorrhea: Association with Hypothalamic Hypothyroidism. *J. Pediat.* 94:300-303, 1979.
36. Kauschansky, A., Genel, M. and Smith, G.J.W. Congenital Hypopituitarism in Female Infants: Its Association with Hypoglycemia and Hypothyroidism. *Amer. J. Dis. Child.* 133:165-169, 1979.
37. Arulanantham, K., Dwyer, J.M. and Genel, M. Evidence for Defective Immunoregulation in the Syndrome of Familial Candidiasis Endocrinopathy. *New Engl. J. Med.* 300:164-168, 1979.
38. Arulanantham, K., Bapat, V.W. and Genel, M. Screening for Congenital Hypothyroidism in Connecticut. *Conn. Med.* 43:281-285, 1979.
39. Rotnem, D., Cohen, D.J., Hintz, R.L. and Genel, M. Psychological Sequelae of Relative "Treatment Failure" for Children who Received Human Growth Hormone Replacement. *J. Amer. Acad. Child Psychiat.* 18:505-520, 1979.
40. Tamborlane, W., Sherwin, R.S., Genel, M. and Felig, P. Reduction to Normal of Plasma Glucose in Juvenile Diabetics by Subcutaneous Administration of Insulin with a Portable Infusion Pump. *New Engl. J. Med.* 300:573-578, 1979.
41. Roth, K.S., Holtzapple, P., Genel, M. and Segal, S. Uptake of Glycine by Human Kidney Cortex. *Metabolism* 28:677-682, 1979.
42. Tamborlane, W. V., Sherwin, R.S., Genel, M. and Felig, P. Restoration of Normal Lipid and Amino Acid Metabolism in Diabetic Patients Treated with a Portable Insulin-Infusion Pump. *Lancet* 1:1258-1261, 1979.
43. Tamborlane, W.V., Sherwin, R.S., Koivisto, V., Hendler, R., Genel, M. and Felig, P. Normalization of the Growth Hormone and Catecholamine Response to Exercise in Juvenile-Onset Diabetic Subjects Treated with a Portable Insulin Infusion Pump. *Diabetes* 28:785-788, 1979.
44. Gertner, J.M., Broadus, A.E., Anast, C.S., Grey, M., Pearson, H.A. and Genel, M. Impaired Parathyroid Response to Induced Hypocalcemia in Thalassemia Major. *J. Pediat.* 95:210-213, 1979.
45. Gertner, J.M., Horst, R.L., Broadus, A.E., Rasmussen, H. and Genel, M. Parathyroid Function and Vitamin D Metabolism During Growth Hormone Replacement. *J. Clin. Endocrinol. Metab.* 49:185-

188, 1979.

46. Jacobson, R.I., Seyler, L.E., Tamborlane, W.V., Gertner, J.M. and Genel, M. Pulsatile Subcutaneous Nocturnal Administration of GnRH by Portable Infusion Pump in Hypogonadotropic Hypogonadism: Initiation of Gonadotropin Responsiveness. *J. Clin. Endocrinol. Metab.* 49:652-654, 1979.
47. Mantagos, S., Genel, M. and Tanaka, K. Ethylmalonic-Adipic Aciduria. In Vivo and In Vitro Studies Indicating Deficiency of Activities of Multiple Acyl-CoA Dehydrogenases. *J. Clin. Invest.* 64:1580-1589, 1979.
48. Grey, M., Genel, M. and Tamborlane, W.V. Psychosocial Adjustment of Latency-Aged Diabetics: Determinants and Relationship to Control. *Pediatrics* 65:69-73, 1980.
49. Tamborlane, W.V., Sherwin, R.S., Genel, M. and Felig, P. Outpatient Treatment of Juvenile-Onset Diabetes with a Preprogrammed Portable Subcutaneous Insulin Infusion System. *Amer. J. Med.* 68:190-196, 1980.
50. Pang, S., Levine, L.S., Lorenzen, F., Chow, D., Pollack, M., Dupont, B., Genel, M. and New, M.I. Hormonal Studies in Obligate Heterozygotes and Siblings of Patients with 11 β -hydroxylase Deficiency Congenital Adrenal Hyperplasia. *J. Clin. Endocrinol. Metab.* 50:586-589, 1980.
51. Gertner, J.M., Kauschansky, A., Giesker, D.W., Siegel, N.J., Breg, W.R. and Genel, M. XY Gonadal Dysgenesis Associated with the Congenital Nephrotic Syndrome. *Obstet. Gynecol.* 55:55S-69S, 1980.
52. Sherwin, R.S., Tamborlane, W.V., Genel, M. and Felig, P. Treatment of Juvenile-Onset Diabetes by Subcutaneous Infusion of Insulin with a Portable Pump. *Diabetes Care* 3:301-308, 1980.
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111. Genel, M., Lessons From Practice-based Clinical Research, (Editorial) *Pediatrics* 99:597-598, 1997.
112. Genel, M., Socioeconomic Status, Health, and Health Systems (Editorial), *Pediatrics* 99:888-889, 1997.
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124. Kupersmith J, Sung N, Genel M., Slavkin H, Califf R, Bonow R, Sherwood L, Reame N, Catanese V, Baase C, Dobs A, Tilson H, and Reece, EA. Creating a New Structure for Research on Healthcare Effectiveness. *J. Invest. Med.*, 53:1-5, 2005.

125. Caprio S and Genel M. Confronting the Epidemic of Childhood Obesity. (Editorial) *Pediatrics*, 115:494-495, 2005.
126. Rushing S and Genel M. Our Porous Safety Net for Children. (Editorial) *Arch.Pediatr.Adolesc.Med*, 159:1080-1086, 2005.
127. Genel M and Ljungqvist A. Gender Verification of Female Athletes, *Lancet*, 366:S41, 2005. In "Medicine and Sport", Special Issue, 2005.
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129. Mindell JA, Emslie G, Blumer J, Genel M, Glaze D, Ivanenko A, Johnson K, Rosen CL, Steinberg F, Roth T and Banas B. Pharmacological Management of Insomnia in Children and Adolescents: Consensus Statement, *Pediatrics*, 117:1223-1232, 2006
130. Genel, M. Controversies in Biomedical Research: Sound Bites and Scientific Literacy in *The Future of Therapeutic Cloning*. Yale Press, in publication.

PUBLICATIONS
Myron Genel, M.D.
Council on Scientific Affairs
American Medical Association

1. Goldman, L.S., Genel, M., Bezman, R.J., Slanatz, P.J. for the Council on Scientific Affairs, American Medical Association, Diagnosis and Treatment of Attention-Deficit/Hyperactivity Disorder in Children and Adolescents, J. Amer. Med. Assn. 279:1100-1107, 1998.
2. Meyer, M., Genel, M., Altman, R.D., Williams, M.A., Allen, J.R., for the Council on Scientific Affairs. Clinical Research: Assessing the Future in a Changing Environment; Summary Report of Conference Sponsored by the American Medical Association Council on Scientific Affairs, Washington, DC, March 1996, Amer. J. Med. 104:264-271, 1998.
3. Lyznicki, J.M., Bezman, R.J., Genel, M. for the Council on Scientific Affairs, American Medical Association. Immunization of Healthcare Workers with Varicella Vaccine. Infection Control and Hospital Epidemiology 19:348-353, 1998.
4. Blum, L.N., Allen, J.D. Genel, M., Howe, J.P. for the Council on Scientific Affairs, American Medical Association. Crossover Use of Donated Blood for Autologous Transfusion: Report of the AMA Council on Scientific Affairs, Transfusion, 38:891-895, 1998.
5. Brown, R., Riggs, J.A., Genel, M. for the Council on Scientific Affairs, American Medical Association. Use of Seclusion and Restraint of Children and Adolescents. Arch. Pediatr. Adoles. Med., 154:653-656, 2000.
6. Dickinson, B.D., Genel, M., Turner, P.L., Robinowitz, C.B., Woods, G.L. for the Council on Scientific Affairs, American Medical Association. Gender Verification of Female Olympic Athletes. Medicine & Science in Sports & Exercise. Med Sci Sports Exerc. 34: 1539-1542, 2002.
7. Williams, M.A., Lipsett, P.A., Rushton, C.H., Grochowski, E.C., Berkowitz, I.D., Mann, S.L., Shatzer, J.H., Short, P. and Genel, M., for the Council on Scientific Affairs, American Medical Association. The Physician's Role in Discussing Organ Donation with Families, Crit. Care Med., 31:1568-1573, 2003.

MISCELLANEOUS PUBLICATIONS

Myron Genel, M.D.

1. Genel, M., Public Policy Activities of the American Pediatric Society 1974-1988 in *The Centennial History of the American Pediatric Society 1888-1988*. Pearson, HA and Brown, AK, American Pediatric Society, 1989.
2. Genel, M. and Carr, S., The Politics of Abortion are Stifling Promising Areas of Research in *The Chronicle of Higher Education*, November 15, 1989.
3. Genel M, Science Under Siege, Time Magazine (Letter to the Editor), September 16, 1991.
4. Genel, M., Nancy Johnson is a Force Behind Fetal Research Bill, *The Hartford Courant* (letter to the editor), September 11, 1992.
5. Genel M., Maternity Stays: Use Sense, Not Dollars, To Decide. *The Hartford Courant* (Letter to the Editor), August 2, 1995.
6. Genel, M., Tight Fists in Washington Endangering Public Health, *New Haven Register*, (Op-Ed essay) August 26, 2001.
7. Genel, M., Health and Ideology. *The New York Times*. (letter to the editor) March 1, 2002.
8. Genel, M., Pocket Companion to Accompany Nelson Textbook of Pediatrics, 16th ed. Book review in *Arch. Pediatr. Adolesc. Med.* 156:299-300, 2002.
9. Genel, M., Imus= Rant About Great Doctor Over The Line, *New Haven Register* (Letter to the Editor), July 17, 2005.
10. Genel, M., Creating a Home for Clinical Research, *Research Policy Alert*, July 25, 2005.

INVITED LECTURESHIPS AND MAJOR ADDRESSES
Myron Genel, M.D.

1. Quarterly Colloquium, Applied Physics Laboratory, the Johns Hopkins University, Laurel, MD. September 26, 1980. Invited speaker. "Treatment of Diabetes and Other Endocrine Diseases with External Pumps.
2. Children and Health Care: Moral and Social Issues. Seminar II. Speaking for Children: The State, Parent and Pediatrician as Advocates. East Carolina University School of Medicine and Pitt County Memorial Hospital, Greenville, NC. October 10, 1986. Invited speaker: "The Pediatrician as Advocate: Lessons from Babies Doe and Fae."
3. Medical Alumni Program of the Children's Hospital Alumni Organization. Children's Hospital of Philadelphia. May 21, 1988. Invited speaker: "The Gender Verification Controversy: Athletic Sex in International Competition."
4. Festschrift in Honor of Lewis A. Barness, M.D., Tampa, FL. November 11-12, 1988. Invited speaker: "Athletic Sex in International Competition."
5. Education of Physician-Scholars for Leadership in the Health Care System. University of Illinois at Urbana-Champaign, IL. November 4-6, 1989. Invited speaker "Reflections of a RWJ Health Policy Fellow."
6. Annual Research Day, West Virginia University School of Medicine, Morgantown, WV, April 7, 1995. Invited speaker Δ Clinical Research: Is There Really a Crisis?@
7. Keynote Address, Annual Meeting of Eastern Society for Pediatric Research, Atlantic City, NJ, March 3, 1997. Δ Health Care in Transition: Who Speaks for Children and Pediatric Research.@
8. Third Annual Medical Scientist Student Forum, Ohio State University, Columbus, OH, April 14, 2000. Invited speaker Δ The Roles of Physician-Scientists in the 21st Century (with Leon E. Rosenberg, M.D.).
9. Yale Forum on Bioethical Issues in Society and Yale Bioethics and Public Policy Seminar Series, Yale University, New Haven, CT, March 21, 2001. Invited speaker "Can Academic Medicine Stay Academic?"
10. Gerold L. Schiebler Lectureship, Annual Meeting of the Florida Pediatric Alumni Association and Florida Pediatric Society, Orlando, FL, June 24, 2001. "Advocacy in Action: The Elimination of Gender Verification in Athletic Competition".
11. Endocrinology Grand Rounds, Indiana University School of Medicine, Indianapolis, IN. October 24, 2001. Invited speaker "The Elimination of Gender Verification in Athletic Competition".
12. Public Forum in Human Reproductive Cloning, Biomedical Engineering Alliance and Consortium, Trinity College, Hartford, CT, April 3, 2003. Invited speaker Δ Scientific Illiteracy and Sound Bites: Why it is Difficult to Have Rational Debate on Nuclear Transplantation.@
13. Eighth Annual Pediatric Endocrinology Symposium, Mount Sinai School of Medicine, New York, NY, May 14, 2007. Invited speaker "Athletic Sex: Disorders of Sexual Development and Gender identity in Athletic Competition".

PUBLIC AND CONGRESSIONAL TESTIMONY

Myron Genel, M.D.

1. Statement on behalf of the Association of Program Directors, GCRC. Public Meeting, Committee on National Needs for Biomedical and Behavioral Research Personnel, Institute of Medicine, National Academy of Sciences, Washington, DC. May 10, 1984.
2. Testimony on behalf of the American Pediatric Society, Association of Medical School Pediatric Department Chairmen and Society for Pediatric Research on "NIH, ADAMHA and Primary Care Training" to the Appropriations Subcommittees on Labor, HHS, Education and Related Agencies: House of Representatives, May 1, 1986 and Senate, May 8, 1986.
3. Testimony on behalf of the American Pediatric Society, Association of Medical School Pediatric Department Chairmen and Society for Pediatric Research on "NIH, ADAMHA and Primary Care Training" to the Appropriations Subcommittee on Labor, HHS, Education and Related Agencies, U.S. Senate, May 6, 1987.
4. Testimony on behalf of the American Pediatric Society, Association of Medical School Pediatric Department Chairmen and Society for Pediatric Research on "NIH, ADAMHA and Primary Care Training" to the Appropriations Subcommittee on Labor, HHS, Education and Related Agencies: U.S. Senate, May 26, 1988.
5. Statement on behalf of the Association of American Medical Colleges and the Association of American Universities. "Human Fetal Tissue Transplantation Research: The Need for Federal Support." Public Hearing, NIH Human Fetal Tissue Transplantation Research Panel, Bethesda, MD. September 14, 1988.
6. Testimony on behalf of the American Pediatric Society, Association of Medical School Pediatric Department Chairmen and Society for Pediatric Research on "FY 1990 Appropriations." Subcommittee on Labor, HHS, Education and Related Agencies, U.S. Senate May 8, 1989.
7. Testimony on behalf of the Yale School of Medicine on "The Effects of Budget Constraints on the Quality and Quantity of Health Care Services provided at Connecticut DVA Medical Centers" to the Subcommittee on Hospitals and Health Care, Committee on Veterans Affairs, West Haven, CT May 15, 1989.
8. Testimony on behalf of the American Pediatric Society, Association of Pediatric Department Chairmen and Society for Pediatric Research on "NIH, ADAMHA and Primary Care Training" to the Appropriations Subcommittee on Labor, HHS and Related Agencies, U.S. House of Representatives, April 19, 1990.
9. Statement on behalf of the American Pediatric Society, Association of Medical School Pediatric Department Chairmen and Society for Pediatric Research at Public Forum, A Plan for Managing the Costs of Biomedical Research, National Institutes of Health, Bethesda, MD. December 17, 1990.
10. Testimony on behalf of the American Academy of Pediatrics, The American Pediatric Society, The Ambulatory Pediatric Association, the Association of Medical School Pediatric Department Chairs, and Society of Pediatric Research on "Implementation of the Food and Drug Administration Modernization Act of 1997," to the Health, Education, Labor and Pensions Committee, U.S. Senate, October 21, 1999.
11. Testimony on behalf of the American Medical Association. Public Meeting on Medicare Coverage of Clinical trials, Agency for Healthcare Research and Quality, Rockville, MD. November 20, 2000.
12. Testimony in support of HB #5536. An Act Permitting Stem Cell Research and Banning Human Cloning. Public Hearing, Public Health Committee, Connecticut General Assembly, March 4, 2004.
13. Testimony on behalf of Connecticut Stem Cell Coalition, Stem Cell Summit, Office of Connecticut Secretary of State and Connecticut General Assembly, Legislative Office Building, Hartford, CT, January 25, 2005.

PROFESSIONAL CONFERENCES AND SYMPOSIA
Myron Genel, M.D.

1. Third Conference on Cooley's Anemia. The New York Academy of Sciences, New York, NY. April 9-10, 1973. Invited participant.
2. Advances in Human Growth Hormone Research. The National Pituitary Agency. Baltimore, MD. October 9-12, 1973. Participant.
3. Treatment of Congenital Adrenal Hyperplasia: A Quarter of a Century Later. An International Symposium. The Johns Hopkins Hospital, Baltimore, MD. October 20-24, 1975. Invited participant.
4. Symposium on Genetic Mechanisms of Sexual Development, Birth Defects Institute, New York State Department of Health, Albany, NY. November 8-9, 1976. Invited participant.
5. New England Regional Workshop on Services for Handicapped Children. Hartford, CT. May 18-20, 1977. Invited participant and speaker. "Regional Program for Neonatal Metabolic Defects."
6. Meeting the Needs of Children with Diabetes. Symposium Commemorating the Initiation of the Connecticut Program for Children with Diabetes. University of Connecticut Health Center. December 8, 1978. Chairman and Moderator.
7. The 5th International Beilinson Symposium on Social Aspects of Diabetes in Children and Adolescents. Herzliya-on-Sea, Israel. October 25-30, 1981. Invited participant and speaker. Moderator, Session on Effects of Diabetes on Family Dynamics.
8. Clinical Research Centers Program Directors Conference. Scottsdale, AZ. December 2-5, 1982. Co-Chairman. Workshop on Collaborative and Cooperative Efforts. Moderator.
9. Surgeon General's Workshop on Children with Handicaps and Their Families, Children's Hospital of Philadelphia. December 13-14, 1983. Participant.
10. Public Policies Affecting Chronically Ill Children and Their Families. National Invitational Symposium. National Academy of Sciences - Institute of Medicine, Washington, D.C. April 11, 1983. Invited participant.
11. Surgeon General's Workshop on Solid Organ Procurement for Transplantation: Educating the Physician and the Public. Project Hope Health Sciences Education Center, Millwood, VA. June 7-9, 1983. Invited participant.
12. Human Growth Hormone Symposium. National Hormone and Pituitary Program, Hyatt Regency Hotel, Baltimore, MD. November 20-22, 1983. Participant.
13. The Future of Technology in a New Payment Environment. American Enterprise Institute for Public Policy Research, Washington, D.C. January 23-24, 1984. Organizer and Moderator. Symposium: "Organ Transplants: Is Rationing Rational?"
14. Liver Transplantation Workshop. Canadian Liver Foundation, Prince Hotel, Toronto, Canada. May 3-4, 1984. Invited Participant and Speaker: "Role of Governments in Transplantation."
15. Factors Influencing Non-treatment Decisions. Research Group on Ethics and the Care of Newborns. The Hastings Center, Hastings-on-Hudson, NY. May 31-June 1, 1984. Invited participant.
16. Ethical Issues in Organ Transplantation. Research Group on Organ Transplantation. The Hastings Center, Hastings-on-Hudson, NY. November 19, 1984. Invited participant and speaker (with Jerold Mande): "Cadaver Organ Procurement: Legislation and Regulatory Perspectives."
17. Clinical Research Centers Program Directors Conference, Scottsdale, AZ. November 30-December 2, 1984. Organizing Committee. Moderator, Workshop on Training and Sustaining of Clinical Investigators.
18. Ethical Issues Related to Newborns at Significant Risk or with Multiple Severe Impairments. Research Group on Ethics and the Care of Newborns. The Hastings Center, Hastings-on-Hudson, NY June 17, 1986. Speaker: "The Present and Future Public Policy Climate."
19. Organization of Public Affairs Activities of Academic Societies. Panel at annual spring meeting of Council of Academic Societies, Association of American Medical Colleges, Woodlands, TX. March 18-20, 1987. Invited presentation: "The Public Policy Council of the Academic Pediatric Societies."
20. The Ethics of Physician Involvement in Executions. Panel at meeting of Section on Medical Schools, American Medical Association, Atlanta, December 5-7, 1987. Invited panelist.
21. Care of the Low Birth-weight Infant in the Neonatal Intensive Care Unit. Health Care Technology Forum, Council on Health Care Technology, Institute of Medicine, National Academy of Sciences, Washington, DC. May 5-6, 1988. Invited participant.
22. AMA International Summit Meeting on Biomedical Research and the Use of Animals, Four Seasons

- Hotel, Washington, DC. April 18, 1989. Invited participant.
23. In Defense of Animal Research. Models for Effective Action. Plenary session of Council of Academic Societies, Association of American Medical Colleges, Washington, DC. October 29, 1989. Invited speaker "Professional Society Action."
 24. The Tradeoffs Between Innovation and Controlling Cost of Care. Workshop panel at annual meeting of Institute of Medicine, National Academy of Sciences, Washington, DC. October 9, 1990. Moderator.
 25. The Next Generation of Biomedical Scientists - How Many, How Good? Special session of Council of Academic Societies, annual meeting of Association of American Medical Colleges, San Francisco, CA. October 21, 1990. Moderator.
 26. Conference on Methods of Femininity Verification. International Amateur Athletic Federation, Monte Carlo, Monaco. November 10-11, 1990. Invited participant.
 27. Breakthroughs in Medicine: New Optimism About Old Diseases. A Conference for Journalists. The Washington Journalism Center, Washington, D.C. January 16-17, 1991. Invited speaker. AFetal Tissue Transplants: What Future?@
 28. Chairman's Address. Annual spring meeting of Council of Academic Societies, Association of American Medical Colleges, Savannah, GA. March 25-27, 1991. "The Importance of Effective Communications in Support of Biomedical Research."
 29. Medical Problems, Sex Testing and Doping in Tennis. Panel discussion at 1st World Congress of Sports Medicine & Science in Tennis, New Haven, CT. August 15-17, 1991. Invited participant.
 30. Framework for Discussion of Strategies for the National Institutes of Health (NIH). Regional meeting at University of Connecticut Health Center, Farmington, CT. February 25, 1992. Member of Public Trust Panel.
 31. Conduct of Clinical Research. Affinity Group on Clinical Research. Workshop at Annual Spring Meeting of Council of Academic Societies. Association of American Medical Colleges, Palm Springs, CA. March 13, 1992. Moderator.
 32. Corporate Summit for Children, Forging New Partnerships. Conference sponsored by the American Academy of Pediatrics, National Commission to Prevent Infant Mortality and the Washington Business Group on Health, Washington, DC. April 29-30, 1992. Invited participant.
 33. National Task Force on the NIH Strategic Plan, National Institute of Health, Herdon, VA. June 23-25, 1992. Member of Policy Panel on Training & Infrastructure.
 34. Training Physicians to Conduct Clinical Research. Affinity Group on Clinical Research. Workshop at Annual Meeting of Council of Academic Societies, Association of American Medical Colleges, New Orleans, LA. November 8, 1992. Moderator.
 35. Diagnosis of Kallmann's Syndrome. Session II at Conference on Kallmann's Syndrome: A Disorder of Neuronal Migration, National Institutes of Health, Bethesda, MD. March 9, 1993. Moderator
 36. Addressing The Crisis in Clinical Research. Affinity Group on Clinical Research. Workshop at Annual Spring Meeting of Council of Academic Societies, Association of American Medical Colleges, Charleston, SC. March 11-12, 1993. Moderator.
 37. Organ Transplantation and Human Rights: Cross-Cultural Perspectives. Conference sponsored by the Schell Center for International Human Rights, Yale Law School, and the Marangopoulos Foundation for Human Rights, New Haven, CT. April 16-17, 1993. Invited speaker "Regulation of Organ and Tissue Transplantation in the United States."
 38. Health Care Reform: Impact on Clinical Practice and Academic Endeavors. Plenary symposium at Annual Meeting of the American Pediatric Society, Society for Pediatric Research and Ambulatory Pediatric Association, Seattle, WA, May 2, 1994. Invited speaker "Academic Medicine and Health Care Reform."
 39. Morality and Modern Medicine. AYA (Association of Yale Alumni) Annual Seminar, New Haven, CT, June 2-4, 1994. Seminar Director and opening speaker "Moral Issues in Medicine."
 40. Health Care Reform: What's Done, What's Next? RWJ Health Policy Fellowship Alumni Retreat, Reston, VA, October 15-16, 1994. Planning committee and invited speaker, panel discussion on the "Future of Basic and Commercial Research."
 41. Meeting the Challenge: Health, Safety, and Food for America. Forum conducted by the Office of Science and Technology Policy and the National Science and Technology Council, Executive Office of the President, Washington, D.C., November 21-22, 1994. Invited participant and author of solicited white paper on "Clinical Research: Challenges and Opportunities."

42. Needs and Implementation of Genetics Education. Session VI at Conference on Incorporating Genetics into Medicine and Nursing Education and Practice, Banbury Center, Cold Spring Harbor Laboratory, NY, April 3-6, 1995. Invited speaker.
43. The Crisis in Clinical Research. Second Annual Public Policy Plenary Symposium at Annual Meeting of the American Pediatric Society, Society of Pediatric Research and Ambulatory Pediatric Association, San Diego, CA, May 8, 1995. Organizer and Moderator.
44. Gender-Based Biology: What Does it Mean and Why Does it Matter? Fifth annual Scientific Advisory Meeting of the Society for the Advancement of Women's Health Research, Washington D.C., June 26, 1995. Invited speaker @Gender Differences in Growth and Maturation: Are These Relevant for Athletic Competition?@
45. National Congress, Medicine and Public Health Initiative, Chicago, IL, March 1-3, 1996. Invited participant and representative of Connecticut State Medical Society.
46. National Leadership Conference, American Medical Association, Washington, D.C., March 10-13, 1996. Invited speaker @Turning from Science and Reason@ (with Jeremiah Barondess, M.D.).
47. Clinical Research Conference. Council on Scientific Affairs, American Medical Association, Washington, D.C., March 13-14, 1996. Organizer and chairman for AMA Council on Scientific Affairs.
48. Enhancing Clinical Research, Panel at meeting of Section on Medical Schools, American Medical Association, Chicago, June 22-23, 1996. Organizer and panelist.
49. Potential Faultlines in the Changing Health Care Marketplace: The Future of Professionalism in Medicine, Roundtable Discussion, Institute of Medicine, National Academy of Sciences, Washington, D.C., October 8, 1996. Invited participant.
50. Grand Rounds at the National Office, March of Dimes Birth Defects Foundation, White Plains, NY, March 6, 1997. @The Uses and Benefits and Animals in Medical Research@ (with Debra Pasquale, MSN).
51. National Leadership Conference, American Medical Association, Philadelphia, PA, March 16-18, 1997. Invited speaker and moderator @Clinical Research: Is it an Endangered Species@ (with David Nathan, M.D. and Kenneth Shine, M.D.)
52. How to Educate Congress About Research and Child Health, Educational Workshop at Annual Meeting of the Pediatric Academic Societies, Washington, D.C., May 3, 1997. Organizer and moderator (with Karen M. Hendricks, J.D.)
53. How to be an Endocrine Advocate, Workshop at Annual Meeting of The Endocrine Society, Minneapolis, MN, June 13, 1997 (with Steve Lawton).
54. Town Meeting on Clinical Research in the Public Interest, Institute of Medicine, National Academy of Sciences, Washington, DC, July 10-11, 1997. Invited participant.
55. Yale and the Revolution in American Health Care. AYA (Association of Yale Alumni) Fall Assembly, New Haven, CT, October 23, 1997. Panel member @The Federal Role in Health Care: Continuity and Change@ (with Kyle Ballou and Richard Jacob).
56. How to Educate Congress About Research and Child Health, Educational Workshop at Annual Meeting of the Pediatric Academic Societies, New Orleans, LA, May 3, 1998. Organizer and moderator (with Karen M. Hendricks, J.D.).
57. Consensus Development Conference, National Clinical Research Summit Project, AAMC and AMA, Graylyn International Conference Center, Wake Forest University, Winston-Salem, NC, November 20-22, 1998. Participant and member of organizing committee.
58. Research and Child Health Advocacy: From Community to Congress, Educational Workshop at Annual Meeting of the Pediatric Academic Societies, San Francisco, CA, May 1, 1999. Organizer and moderator (with Abraham Bergman, M.D. and Karen M. Hendricks, J.D.).
59. Communicating with Congress, Legislative Workshop at Annual Meeting of the Endocrine Society, San Diego, CA, June 12, 1999 (with Katherine Matt, Ph.D.).
60. FASEB Conference on Physician-Scientists and Career Opportunities for Biomedical Research, Federation of American Societies for Experimental Biology, Bethesda, MD, June 15-16, 1999. Endocrine Society delegate.
61. Clinical Research: A National Call to Action. Briefing of the National Clinical Research Summit project, AAMC and AMA, Russell Caucus Room, Russell Senate Office Building, Washington, D.C., November 15, 1999. Member, Stakeholder Panel.
62. The Medical School-Practice Community Interface. Panel at Semi-Annual Meeting of Section on Medical Schools, American Medical Association, San Diego, CA, December 4-5, 1999. Panelist,

- ΔClinical Research Partnerships Between Academic and Community Physicians@
63. FASEB Federal Funding Consensus Conference, FY 2001, Leesburg, VA, December 7-9, 1999. Endocrine Society delegate.
 64. A Public Dialogue on Gene Patenting; American College of Medical Genetics and Genetics & Health Policy Center, Vanderbilt University, Washington, DC, March 2, 2000. Member, Patenting Perspectives Panel (Representing American Medical Association).
 65. First Annual Conference on Sex and Gene Expression, Society for Women=s Health Research, Graylyn International Conference Center, Winston-Salem, NC, March 2-5, 2000. Participant and member of planning committee.
 66. Research and Child Health Advocacy, Educational Workshop at the Joint Meeting of the Pediatric Academic Societies and the American Academy of Pediatrics, Boston, MA, May 12, 2000. Organizer and moderator (with Richard Bucciarelli, M.D., Karen Hendricks, J.D., and James Pawelski, M.S.).
 67. Pediatrics in the New Millennium. Compelling Issues in Public Policy. Seventh Annual Public Policy Plenary Symposium at the joint meeting of the Pediatric Academic Societies and the AmericanAcademy of Pediatrics, Boston, MA, May 15, 2000. Organizer and moderator.
 68. Strategic Priorities for Medical Education. Panel at Annual Meeting, Section on Medical Schools and Council on Medical Education, American Medical Association, Chicago, IL, June 10, 2000. Panelist.
 69. Fifteenth Annual New York Health Care Forum, Medical Society of the State of New York, Plandome, Long Island, NY, August 3, 2000. Invited speaker ΔMapping the Human Genome. Implications for Medical Practice.@
 70. FASEB Federal Funding consensus Conference, FY2002, Potomac, MD, December 5-7,2000. Endocrine Society delegate.
 71. National Leadership Conference, American Medical Association, Washington, DC, March 4-6, 2001. "The Realities of Genomic Discovery". Invited panel member (with Stephen B. Liggett, MD, Gualberto Ruano, MD, Ph.D., Wendell W. Weber, MD, Ph.D. and Yank D. Coble, MD, Moderator)
 72. The Medical Research Summit: Forum on the Law, Regulation and Ethics of Medical Research in the United States. Washington, DC, March 20, 2001. Panelist, Plenary Session "Managing Research in the Changing World of Healthcare".
 73. Clinical Research Roundtable, Institute of Medicine. The Role of Providers in the Clinical Research Enterprise (Symposium) Washington DC, March 7, 2002, organizer and moderator.
 74. Third Annual Conference on Sex and Gene Expression, Society for Women's Health Research, Hayes Conference Center, San Jose, CA. April 4-7, 2002, participant and member of planning committee.
 75. Children as Research Subjects: Ethical and Regulatory Issues. Ninth Annual Public Policy Plenary Symposium at the meeting of the Pediatric Academic Societies, Baltimore, MD, May 5, 2002, organizer and moderator
 76. Yale Bioethics Project Symposium "The Future of Therapeutic Cloning". New Haven, CT, May 16, 2002, panelist.
 77. Conference on Adolescent Hormone Abuse, The Hormone Foundation, Washington, DC, November 8, 2002, participant and member of planning committee.
 78. Clinical Research Priority Setting Meeting, Clinical Research Roundtable, Institute of Medicine, Washington, DC, December 16, 2002, participant.
 79. Children in the News: What Makes a Good Story? Media Roundtable. The Connecticut Commission on Children, The Connecticut Forum and The Embedding Prevention Initiative, Hartford, CT, January 9, 2003, member, Planning Group and invited responder to panel discussion.
 80. The Paradox of Medicine: Barriers to Translating Research into Clinical Practice. Symposium at annual meeting of American Association for the Advancement of Science, Denver, CO, February 16, 2003. Invited speaker ΔA Report from the IOM Clinical Research Roundtable@.
 81. Fourth Annual Conference on Sex and Gene Expression, Society for Women=s Health Research, Graylyn International Conference Center, Winston-Salem, NC, March 20-23, 2003, participant and member of planning committee.
 82. Restoring the American Health System: A Call to Action. Panel at Interim Meeting of Section on Medical Schools, American Medical Association, Honolulu, HI, December 6, 2003. Panelist, ΔClinical Research@.
 83. Fourth Annual Collaborative Practice Symposium. Yale University School of Nursing. New Haven, CT. February 26, 2004 ΔCollaborative Practice: Promises and Pitfalls@. Invited responder

84. Pharmacological Management of Insomnia in Children and Adolescents, National Sleep Foundation and Best Practices Project Management, Baltimore, MD, November 1-2, 2004, Invited Speaker
ΔEthical and Regulatory Aspects of Clinical Trials in Children@.
85. Improving the Well-Being of Our Children: Closing the Gap Between Research and Policy. Symposium sponsored by the Yale Bioethics Project and Casey Family Services, New Haven, CT, April 8, 2005. Member, planning committee and moderator, Panel III. ΔAchieving Universal Health Coverage for Children@.
86. Clinical Trial Registries: Challenges and Opportunities. Twelfth Annual Public Policy Plenary Symposium at the joint meeting of the Pediatric Academic Societies and the American Academy of Pediatrics, Washington, DC, May 15, 2005, organizer and moderator.

SCIENTIFIC ABSTRACTS AND PRESENTATIONS

Myron Genel, M.D.

(*Presented at National/International meetings)

1. Genel, M. and Gray, G.M. In Vivo Study of Disaccharide Hydrolysis and Monosaccharide Absorption in Jejunum. *Abs. Soc. Ped. Res.* p.178, 1966.
2. Genel, M. and Gray, G.M. Kinetics of Lactose Hydrolysis in Children. *Clin. Res.* 15:233, 1967.
3. Gray, G.M., Santiago, N.A., Colver, E. and Genel, M. Alteration of Human Intestinal Lactase. *Clin. Res.* 15:233, 1967.
4. Parra, A., Genel, M., Brasel, J.A., and Blizzard, R.M., Psychosocial Dwarfism: Gastrointestinal Studies in the Syndrome. *Abs. Am. Ped. Soc.*, p.58, 1968.
5. Genel, M., Holtzapple, P.G. and Segal, S. Uptake and Metabolism of 1-proline by Human Kidney Cortex. *Abs. Soc. Ped. Res.*, p. 41, 1970. Presented at the Annual Meetings of the American Pediatric Society and Society for Pediatric Research, Atlantic City, NJ. May 2, 1970.
6. Genel, M., Holtzapple, P.G., London, D.R., and Segal, S. Active Transport of a Glucose Analogue in Human Intestine and Kidney Cortex. *Abs. Soc. Ped. Res.*, p. 180, 1970.
- 7.* Genel, M., Berman, P.H., Morrow, G., and Bongiovanni, A.M., Vitamin D Dependency with Dibasic Aminoaciduria Associated with Anticonvulsant Therapy. *Pediat. Res.* 6:395/135, 1972. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, Washington, DC. May 25, 1972.
8. Lassman, M.N., O'Brien, R.T., Pearson, H.A., Wise, J.R., Felig, P., Donabedian, R.K., and Genel, M. Endocrine Evaluation in Thalassemia Major. Presented at the 3rd Symposium on Cooley's Anemia, New York Academy of Sciences. April 10, 1973.
9. Schneider, G., Genel, M., Rosenfield, R.L., Goldman, A.S., and Bongiovanni, A.M. Testicular 3 β -Hydroxysteroid Dehydrogenase (3 β -HSD) Deficiency in 3 β -HSD Form of Congenital Adrenal Hyperplasia (CAH). *Pediat. Res.* 7:332/104, 1973.
- 10.* Colletti, R., Pan, M., Smith, E. and Genel, M. The Q-oTc Interval as an Index of Hypocalcemia; Correlation with Ionized Calcium in Premature and Full Term Infants. *Pediat. Res.* 7:299/71, 1973. Presented at the annual meetings of the American Pediatric Society and the Society for Pediatric Research, San Francisco, CA. May 17, 1973.
11. Rosenfield, R.L., Barmach de Niepomnizsze, A., Schneider, G., Genel, M. and Kenney, F. Efficiency of ⁵-3 β -hydroxysteroid Dehydrogenation (⁵-3 β -HSD) in Males with Hereditary Enzyme Deficiency. Program of the Endocrine Society, p. A-104. Presented at the annual meeting of the Endocrine Society, Chicago. June 21, 1973.
12. Tan, S.Y., Donabedian, R.K., Genel, M. and Mulrow, P.J. False Elevation of Plasma Cortisol in Congenital Adrenal Hyperplasia. *Clin. Res.* 22:692A, 1974; 23:243A, 1975. Presented at the Eastern Section Meetings, American Federation for Clinical Research, Boston. January 10-11, 1975.
13. Noth, R.H., Firestone, M., Tan, S.Y., Genel, M. and Mulrow, P.J. Plasma Renin Activity (PRA) as an Index of Mineralocorticoid Status in Adrenal Insufficiency. *Clin. Res.* 23:240A, 1974.
- 14.* Firestone, M., Genel, M., Enriquez, A.R. and Bower, B.F. Massive Obesity Complicating Therapy of Congenital Adrenal Hyperplasia (CAH). *Pediat. Res.* 9:289, 1975. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, Denver, CO. April 16-19, 1975.
- 15.* Milewski, S., Genel, M. and Hintz, R.L., Somatomedin and Growth Response to HGH Replacement. *Pediat. Res.* 9:293, 1975. Presented at the Annual Meeting of the Lawson Wilkins Pediatric Endocrine Society, Denver, CO. April 16, 1975.
16. Arulanantham, K., Genel, M., Dwyer, J.M. and Singer, F.R. Incomplete DiGeorge Syndrome in Two Male Infants. *Pediat. Res.* 9:288, 1975.
- 17.* Genel, M., Weiss, R.M. and Lytton, B., Endocrine Evaluation in Two Hypospadiac Boys. Presented at the Annual Meeting of the Society for Pediatric Urology, Miami Beach. May 11, 1975.
- 18.* Lipton, H.L., Tan, S.Y., Noth, R., Mulrow, P.J. and Genel, M., Usefulness of Plasma Renin Activity to Monitor Mineralocorticoid Replacement in Salt-Losing Adrenal Hyperplasia. Presented at the International Symposium "Treatment of Congenital Adrenal Hyperplasia: A Quarter-Century Later,"

- Baltimore, October 20-24, 1975.
- 19.* Arulanantham, K., Genel, M. and Dwyer, J.M. Thymic Abnormalities in a Family with Candidiasis-Endocrinopathy Syndrome (CEA). *Pediat. Res.* 10:362. 1076. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, St. Louis, April 28-30, 1976.
 - 20.* Breg, W.R., Genel, M., Wachtel, S., Koo, G. and Miller, O.J. H-Y (Male) Antigen in Delineation of Sex Chromosome Abnormalities. *Pediat. Res.* 10:363, 1976. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, St. Louis. April 28-30, 1976.
 21. Genel, M., Pearson, H.A., O'Brien, R.T. and Hintz, R.L. Pathophysiology of Growth Failure in Thalassemia Major. *Pediat. Res.* 20:376, 1976.
 22. Pearson, H.A. and Genel, M. Improvement of Oxygen Dissociation and Tissue Oxygenation with Androgens in Thalassemia Intermedia. *Pediat. Res.* 10:380, 1979.
 23. Genel, M., Cohen, D.J., Shaywitz, B.A., Donabedian, R.K. and Hintz, R.L. Hypothalamic-Pituitary Studies in Deprivation Dwarfism (DD): Correlation with CSF Monamine Metabolites. Program of the Endocrine Society, p. 289, 1976.
 24. Kauschansky, A. and Genel, M. Congenital Hypopituitarism (CH) in Female Infants: Presentation with Hypoglycemia and Hypothyroidism. *Pediat. Res.* 11:427, 1977.
 25. Goff, C.W., Genel, M., Shineman, P. and Rasmussen, H. Vitamin D Resistant Hypoparathyroidism - Impaired Response to 1,25 Dihydroxycholecalciferol (1,25 DHCC). *Pediat. Res.* 11:514, 1977.
 - 26.* Mantagos, S., Genel, M. and Tanaka, K. Ethylmalonic-Adipic Aciduria; A New Defect of Butyrate Oxidation Associated with Hypoglycemia. *Pediat. Res.* 12:452, 1978. Presented at the Annual Meeting of the Society for Inherited Metabolic Disease, Denver, March 8-10, 1978.
 - 27.* Kramer, M.S., Kauschansky, A. and Genel, M. Adolescent Secondary Amenorrhea: Association with Hypothalamic Hypothyroidism. *Pediat. Res.* 12:365, 1978. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, New York, April 26-18, 1978.
 - 28.* Rosoulpour, M., McLean, R.H., Siegel, N.J., Kauschansky, A. and Genel, M. Compensated Hypothyroidism in Congenital Nephrotic Syndrome (CNS). *Pediat. Res.* 12:546, 1978. Presented at the Annual Meetings of the American Pediatric Society and the Society for Pediatric Research, New York, April 26-28, 1978.
 - 29.* Soman, V., Tamborlane, W.V., DeFronzo, R., Genel, M. and Felig, P. Fluctuations in Insulin Binding in Isolated Growth Hormone Deficiency (IGHD): Mechanism of Altered Insulin Sensitivity. *Clin. Res.* 26:312A, 1978. Presented at the Annual Meetings of the American Federation for Clinical Research and the American Society for Clinical Investigation, San Francisco, April 29 - May 1, 1978.
 30. Gertner, J.M., Broadus, A.E., Grey, M., Genel, M. and Pearson, H.A. Stimulated Nephrogenous Cyclic AMP as a Parathyroid (PT) Function Test in Thalassemia Major. *Pediat. Res.* 12:506, 1978.
 31. Gertner, J.M., Genel, M., Arulanantham, K., and Crawford, J.D., Dominant Inheritance of Isolated Growth Hormone Deficiency (IGHD) Transmitted Through an Individual of Normal Stature. *Pediat. Res.* 12:451, 1978.
 32. Tamborlane, W.V., Soman, V., Sherwin, R. and Genel, M., Hyperinsulinism (HI) in Infancy: Effect of Somatostatin (SS) Administration and Alterations in Insulin Binding (IB) to Monocytes. *Pediat. Res.* 12:513, 1978.
 - 33.* Grey, M., Genel, M. and Tamborlane, W.V. Psychosocial Maladjustment in Latency-Aged Diabetes (LAD): Determinants and Relationship to Control. *Diabetes* 17:438, 1978. Presented at the Annual Scientific Meeting of the American Diabetes Association, Boston, June 11-13, 1978
 34. Gertner, J.M., Broadus, A.E. and Genel, M. The Effect of Human Growth Hormone (HGH) Replacement on Parathyroid (PT) Function and Nephrogenous Cyclic AMP (N-cAMP) Generation. Program of the Endocrine Society, p 492, 1978.
 - 35.* Kauschansky, A., Genel, M., Marks, L.E., Cain, W.J. and Seyler, L.E. Gonadotropin (GN) Responses to LRH Infusions Before and After LRH Priming in Autosomal Dominant (AD) Familial Kallmann's Syndrome with Subtle Color Vision Defects. Program of the Endocrine Society, p. 242, 1978. Presented at the Annual Meeting of the Endocrine Society, Miami Beach, June 14-16, 1978.
 - 36.* Gertner, J.M., Horst, R.L., Genel, M. and Rasmussen, H. Effect of Growth Homrone Replacement on Mineral Metabolism in Growth Homrone Deficient Children. Presented at the Fourth Workshop on Vitamin D, Berlin, February 18-22, 1979.
 - 37.* Tamborlane, W., Soman, V., Genel, M. and Felig, P. Prolonged Growth Homrone (GH) Induced Reduction in Insulin Binding (IB) in Growth Hormone Deficient (GHD) Children. *Pediat. Res.* 12:386, 1979. Presented at the Annual Meetings of the American Pediatric Society and the Society for

Pediatric Research, Atlanta, May 1-4, 1979.

- 38.* Tamborlane, W., Sherwin, R., Genel, M. and Felig, P. Normalization of Plasma Glucose (PG) in Ketosis-Prone Diabetic Children by Subcutaneous Administration of Insulin (I) with a Portable Infusion Pump. *Pediat. Res.* 12:482, 1979. Presented at the Annual Meeting of the American Pediatric Society and the Society for Pediatric Research, Atlanta, May 1-4, 1979.
39. Gertner, J.M., Geehr, R.B., Tamborlane, W.V. and Genel, M. Erosion of the pituitary Fossa in Adolescents with Primary Hypogonadism. *Pediat. Res.* 13:378, 1979.
- 40.* Seyler, L.E., Kauschansky, A., Spare, S., Genel, M. and Reichlin, S., Female Pattern of Gonadotropin Sensitization Response to LRH in Klinefelter's Syndrome Induced by Diethylstilbestrol Priming. *Clin. Res.* 27:259A, 1979. Presented at the Annual Meetings of the American Federation for Clinical Research and the American Society for Clinical Investigation, Washington, DC May 5-8, 1979.
- 41* Tamborlane, W., Sherwin, R.S., Genel, M. and Felig, P., Prolonged Normalization of Plasma Glucose in Juvenile Onset Diabetics (JOD) by Subcutaneous Insulin (I) Administered with a Portable Infusion Pump. *Clin. Res.* 27:518A, 1979. Presented at the Annual Meetings of the American Federation for Clinical Research and the American Society for Clinical Investigation, Washington, DC May 5-8, 1979.
- 42.* Geehr, R.B., Gertner, J.M., Tamborlane, W.V. and Genel, M. Pleuridirectional Tomography of the Sella Turcica in Primary Hypogonadism. Presented at the annual meeting of the American Society of Neuroradiology, Toronto, May, 1979.
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